AMENDMENTS

In the Claims:

This listing of claims replaces all prior versions and listing of claims in the application:

1-29. (Cancelled).

30. (Previously Presented) A method of making an anode of an electrochemical cell in a vacuum chamber wherein the method comprises:

(a) providing a moving substrate;

(b) moving the substrate consecutively past a lithium vapor deposition source, wherein the source is characterized by a nozzle through which lithium vapor is emitted;

(c) providing reactive gaseous material adjacent to the lithium deposition nozzle; and

(d) condensing the lithium vapor of (b) on the substrate in presence of gaseous material to co-deposit a lithium anode active layer to form the anode.

31. (Previously Presented) The method of claim 30, wherein the lithium vapor is condensed on the substrate by contacting the substrate with a cooled surface as the substrate passes through the vapor.

32. (Previously Presented) The method of claim 30, wherein the thickness of the co-deposited lithium layer of the anode is from 2 μm to 100 μm.

33. (Previously Presented) The method of claim 30, wherein the thickness of the co-deposited lithium layer of the anode is from 5 μm to 50 μm.

34. (Previously Presented) The method of claim 30, wherein the substrate is selected from the group consisting of metal foils, polymer films, and metallized polymer films.

35. (Previously Presented) The method of claim 34, wherein the polymer film is selected from the group consisting of films of polyethylene terephthalate, polyethylene naphthalate, 1,4-cyclohexanedimethylene terephthalate, polyethylene isophthalate, and polybutylene terephthalate.

36-52. (Cancelled)

53. (Previously Presented) The method of claim 30, wherein the gaseous material is selected from one or more of the group consisting of carbon dioxide, acetylene, nitrogen, ethylene, sulfur dioxide, hydrocarbons, alkyl phosphate esters, alkyl sulfite esters, and alkyl sulfate esters.

54. (Previously Presented) The method of claim 30, wherein the gaseous material is carbon dioxide.

55. (New) The method of claim 30, wherein the method further comprises depositing a multi-layered structure on the surface of the lithium anode active layer, on the side opposite to the substrate.

56. (New) The method of claim 55, wherein the multi-layered structure comprises layers selected from the group consisting of single ion conducting layer and polymer layer.